

D

Danchavijitr S (see Thamlikitkul et al). 2003;31:80-4
 Daschner F (see Gastmeier et al). 2003;31:316-21 (Global perspectives)
 Dauenhauer SA (see Brooks and Dauenhauer). 2003;31:176-7 (Practice forum).
 Correction 2003;31:329-330
 Deguchi M, Tahara K, Tanike M, Toyokawa M, Nishi I, Watanabe M, Iwatani Y.
 Makimoto K (see Asari et al). 2003;31:157-62
 Delta-Latta P (see Larson et al). 2003;31:72-9
 Dettenkofer M (see Gastmeier et al). 2003;31:316-21 (Global perspectives)
 Dillon J (see Almuneef et al). 2003;31:375-81 (Global perspectives)
 Dolan M (see White et al). 2003;31:364-70
 Donskey CJ (see Mayer et al). 2003;31:221-5
 Donskey CJ (see Ray and Donskey). 2003;31:54-6 (Clinical case study)
 Drankiewicz D, Dundes L. Handwashing among female college students.
 2003;31:67-71
 Dresden E (see Garfield et al). 2003;31:163-7 (Special article)
 Dundes L (see Drankiewicz and Dundes). 2003;31:67-71

E

Edmiston CE Jr, Graham MB, Wilson PJ, Grahn B. The monkeypox virus outbreak: reflections from the frontlines. 2003;31:382-4 (Clinical case study)
 Edmond M (see Ostrowsky et al). 2003;31:57-9 (Brief rep.)
 Ellis RA (see Patterson et al). 2003;31:226-30
 El-Shoumary W (see Talaat et al). 2003;31:469-74
 Engelhard D (see Margolin and Engelhard). 2003;31:445-6 (Letter)
 Epic Group (see Memish et al). 2003;31:237-42 (Global perspectives)
 Erdem S (see Akcay et al). 2003;31:371-4
 Erwin PC (see Hardin et al). 2003;31:508-11 (Brief rep.)
 Evans RG (see Shadel et al). 2003;31:129-34

F

Farias LM (see Santos et al). 2003;31:135-43
 Fendler EJ (see Hilburn et al). 2003;31:109-16
 Fietta A, Meloni F, Cascina M, Morosini M, Morena C, Troupioti P, Mangiarotti P.
 Casali L. Comparison of a whole-blood interferon-γ assay and tuberculin skin testing in patients with active tuberculosis and individuals at high or low risk of *Mycobacterium tuberculosis* infection. 2003;31:347-53
 Filomoro C, Marcrina D, Pryor E, Terndrup T, McNutt SD. An innovative approach to training hospital-based clinicians for bioterrorist attacks.
 2003;31:511-4 (Practice forum)
 Fleury L (see Tarantola et al). 2003;31:357-63
 Ford BD (see Zoutman et al). 2003;31:266-73
 Frederickson D (see Beltrami et al). 2003;31:168-75 (Clinical case study)
 Freeman R (see Matlow et al). 2003;31:49-53
 Fucci M-CH (see Beltrami et al). 2003;31:168-75 (Clinical case study)

G

Garfield R, Dresden E, Rafferty A-M. Commentary: the evolving role of nurses in terrorism and war. 2003;31:163-7 (Special article)
 Gastmeier P, Geffers C, Sohr D, Dettenkofer M, Daschner F, Rüden H. Five years working with the German Nosocomial Infection Surveillance System (Krankenhaus Infektions Surveillance System). 2003;31:316-21 (Global perspectives)
 Gastmeier P, Groneberg K, Weist K, Rüden H. A cluster of nosocomial *Klebsiella pneumoniae* bloodstream infections in a neonatal intensive care department: identification of transmission and intervention. 2003;31:424-30
 Gastmeier P (see Beck and Gastmeier). 2003;31:331-5
 Geffers C (see Gastmeier et al). 2003;31:316-21 (Global perspectives)
 Geha RC (see Mayer et al). 2003;31:221-5
 Geyik MF, Aldemir M, Hosoglu S, Tacyildiz HI. Epidemiology of burn unit infections in children. 2003;31:342-6
 Geyik MF (see Hosoglu et al). 2003;31:502-4 (Clinical case study)
 Goldman C (see Matlow et al). 2003;31:49-53
 Golliot F (see Tarantola et al). 2003;31:357-63
 Gomez-Duarte C (see Larson et al). 2003;31:72-9
 Gooran NR (see Askarian and Gooran). 2003;31:465-8
 Gourdeau M (see Zoutman et al). 2003;31:266-73
 Gruber C (see Hardin et al). 2003;31:508-11 (Brief rep.)
 Graham MB (see Edmiston et al). 2003;31:382-4 (Clinical case study)
 Grahn B (see Edmiston et al). 2003;31:382-4 (Clinical case study)
 Griffith CJ, Malik R, Cooper RA, Looker N, Michaels B. Environmental surface cleanliness and the potential for contamination during handwashing.
 2003;31:93-6
 Griffith CJ (see Harrison et al). 2003;31:104-8, 387-91
 Griffith CJ (see Malik et al). 2003;31:181-7 (Practice forum)

H

Grinchenko T, Remé P, Cunha BA. *Flavimonas oryzihabitans pseudomenigitis*.
 2003;31:385-6 (Letter)
 Groneberg K (see Gastmeier et al). 2003;31:424-30
 Grozick PA (see Hilburn et al). 2003;31:109-16
 Guzman S (see Rosenthal et al). 2003;31:85-92, 291-5, 405-9, 475-80

I

Haefner H (see Zolldann et al). 2003;31:261-5 Correction 2003;31:386
 Halford SK (see Hardin et al). 2003;31:508-11 (Brief rep.)
 Hamdan JS (see Santos et al). 2003;31:135-43
 Hamlin-Cook P (see Cimotti et al). 2003;31:43-8
 Hammond BS (see Hilburn et al). 2003;31:109-16
 Hardin SG, Erwin PC, Patterson L, New D, Gruber C, Halford SK. Clinical comparisons of La Crosse encephalitis and enteroviral central nervous system infections in a pediatric population: 2001 surveillance in East Tennessee. 2003;31:508-11 (Brief rep.)
 Hariharan S, Nanduri SB, Moseley HS, Areti KY, Jonnalagadda R. Spectrum of microbes and antimicrobial resistance in a surgical intensive care unit, Barbados. 2003;31:280-7
 Harris AD (see Kim et al). 2003;31:97-103
 Harrison WA, Griffith CJ, Ayers T, Michaels B. Bacterial transfer and cross-contamination potential associated with paper-towel dispensing. 2003;31: 387-91
 Harrison WA, Griffith CJ, Michaels B, Ayers T. Technique to determine contamination exposure routes and economic efficiency of folded paper-towel dispensing. 2003;31:104-8
 Health Canada (see Zoutman et al). 2003;31:266-73
 Hébert G (see Zoutman et al). 2003;31:266-73
 Helfand MS (see Mayer et al). 2003;31:221-5
 Hellard M, Aitken C, Mackintosh A, Ridge A, Bowden S. Investigation of infection control practices and knowledge of hepatitis C among body-piercing practitioners. 2003;31:215-20
 Henderson E (see Russell and Henderson). 2003;31:457-61
 Henderson E (see Zoutman et al). 2003;31:266-73
 Henderson EA (see Russell et al). 2003;31:336-41
 Higgins LA (see Saint et al). 2003;31:354-6
 Hilburn J, Hammond BS, Fendler EJ, Grozick PA. Use of alcohol hand sanitizer as an infection control strategy in an acute care facility. 2003;31:109-16
 Ho W-C (see Tseng et al). 2003;31:435-40
 Hosoglu S, Celen MK, Akalin S, Geyik MF, Soyoral Y, Kara IH. Transmission of hepatitis C by blood splash into conjunctiva in a nurse. 2003;31:502-4 (Clinical case study)
 Hosoglu S (see Geyik et al). 2003;31:342-6
 Hoyen CK (see Mayer et al). 2003;31:221-5
 Huang S-J (see Chang et al). 2003;31:34-9
 Huang W-L (see Tseng et al). 2003;31:435-40

J

Irigoyen-Camacho ME, Zepeda-Zepeda MA, Maupomé G, López-Cámarra V. Attitudes of a group of Mexico City residents toward HIV/AIDS in the dental office. 2003;31:231-6 (Global perspectives)
 Iriondo M (see Urrea et al). 2003;31:505-7 (Brief rep.)
 Iwatani Y (see Asari et al). 2003;31:157-62

K

Jamulitrat S (see Narong et al). 2003;31:274-9
 Jamulitrat S (see Paotong et al). 2003;31:128 (Letter)
 Jiménez R (see Urrea et al). 2003;31:505-7 (Brief rep.)
 Jintanaitavorn D (see Keerasuntpong et al). 2003;31:9-12
 Johnson CC (see McKinley et al). 2003;31:397-404
 Jones RD (see Cozad and Jones). 2003;31:243-54 (State of the science)
 Jonnalagadda R (see Hariharan et al). 2003;31:280-7
 Judaeng T (see Keerasuntpong et al). 2003;31:9-12
 Junqueira ALN (see Manso et al). 2003;31:431-4

L

Kachintorn K (see Keerasuntpong et al). 2003;31:9-12
 Kain DJ (see Larson et al). 2003;31:72-9
 Kalish ML (see Beltrami et al). 2003;31:168-75 (Clinical case study)
 Kandeel A (see Talaat et al). 2003;31:469-74
 Kara IH (see Hosoglu et al). 2003;31:502-4 (Clinical case study)
 Karkhoff-Schweizer RR (see Chuanichuen et al). 2003;31:124-7 (Brief rep.)
 Kasatpibul N (see Narong et al). 2003;31:274-9
 Keerasuntpong A, Thearawiboon W, Panthawanwan A, Judaeng T, Kachintorn K, Jintanaitavorn D, Sudhisanont L, Waitayapiches S, Tiangrim S.

Thamlikitkul V. Incidence of urinary tract infections in patients with short-term indwelling urethral catheters: a comparison between a 3-day urinary drainage bag change and no change regimens. 2003;31:9-12

Keswick BH (see Larson et al). 2003;31:72-9

Khairi I (see Talaat et al). 2003;31:469-74

Khavalevsky E (see Colodner et al). 2003;31:322-4 (Clinical case study) Correction 2003;31:365

Kim PW, Roghmann M-C, Perencevich EN, Harris AD. Rates of hand disinfection associated with glove use, patient isolation, and changes between exposure to various body sites. 2003;31:97-103

Kolble R (see White et al). 2003;31:364-70

Kopelowitz J (see Colodner et al). 2003;31:322-4 (Clinical case study) Correction 2003;31:365

Kovach D (see Matlow et al). 2003;31:49-53

Kozak A (see Beltrami et al). 2003;31:168-75 (Clinical case study)

Krauel X (see Urrea et al). 2003;31:505-7 (Brief rep.)

Kritchevsky S (see Memish et al). 2003;31:237-42 (Global perspectives)

L

Larson EL, Gomez-Duarte C, Lee LV, Della-Latta P, Kain DJ, Keswick BH. Microbial flora of hands of homemakers. 2003;31:72-9

Larson EL (see Cimotti et al). 2003;31:43-8

LaTorre C (see Urrea et al). 2003;31:505-7 (Brief rep.)

Lecathelais C (see Oberdorfer et al). 2003;31:447-56

Lee LV (see Larson et al). 2003;31:72-9

Lemmen SW (see Zolldann et al). 2003;31:261-5 Correction 2003;31:386

Lipsky BA (see Marcante et al). 2003;31:1-8

Lipson N (see White et al). 2003;31:364-70

Lisay CM (see Brady et al). 2003;31:208-14

Looker N (see Griffith et al). 2003;31:93-6

López-Cámarra V (see Irigoyen-Camacho et al). 2003;31:231-6 (Global perspectives)

Luetticken R (see Zolldann et al). 2003;31:261-5 Correction 2003;31:386

M

Mackinnon SE (see Patterson et al). 2003;31:226-30

Mackintosh A (see Hellard et al). 2003;31:215-20

Macrina D (see Filomoro et al). 2003;31:511-4 (Practice forum)

Mahoney FJ (see Talaat et al). 2003;31:469-74

Makimoto K (see Asari et al). 2003;31:157-62

Maley MP (see Neely et al). 2003;31:13-7

Malik R (see Griffith et al). 2003;31:93-6

Malik RE, Cooper RA, Griffith CJ. Use of audit tools to evaluate the efficacy of cleaning systems in hospitals. 2003;31:181-7 (Practice forum)

Mangiariotti P (see Fiella et al). 2003;31:347-55

Manso VFC, Castro KF, Matos SM, Junqueira ALN, Souza SB, Sousa MM, Martins RMB, Teles SA. Compliance with hepatitis B virus vaccination and risk of occupational exposure to blood and other body fluids in intensive care department personnel in Brazil. 2003;31:431-4

Marcante KD, Veenstra DL, Lipsky BA, Saint S. Which antimicrobial impregnated central venous catheter should we use? modeling the costs and outcomes of antimicrobial catheter use. 2003;31:1-8

Marena C (see Fiella et al). 2003;31:347-55

Margolin L, Engelhard D. Bilateral pneumonia associated with *Shigella sonnei* dysentery. 2003;31:445-6 (Letter)

Marmur ES (see Cimotti et al). 2003;31:43-8

Marra RN (see Santos et al). 2003;31:135-43

Martinez F (see Yébenes et al). 2003;31:462-4

Martins RMB (see Manso et al). 2003;31:431-4

Matlow A, Wray R, Goldman C, Streitenberger L, Freeman R, Kovach D. Microbial contamination of enteral feed administration sets in a pediatric institution. 2003;31:49-53

Matos SM (see Manso et al). 2003;31:431-4

Maupomé G (see Irigoyen-Camacho et al). 2003;31:231-6 (Global perspectives)

Mayer RA, Gehl RC, Helfand MS, Hoyen CK, Salata RA, Donskey CJ. Role of fecal incontinence in contamination of the environment with vancomycin-resistant *Enterococci*. 2003;31:221-5

McAnulty JM (see Brotherton et al). 2003;31:144-50

McCormick RD (see Rosenthal et al). 2003;31:85-92

McKinley LL, Moriarity HJ, Short TH, Johnson CC. Effect of comparative feedback on intensive care unit infection rates in a Veteran Administration Hospital Network System. 2003;31:397-404

McNutt SD (see Filomoro et al). 2003;31:511-4 (Practice forum)

Meloni F (see Fiella et al). 2003;31:347-55

Memish ZA, Arabi Y, Cunningham G, Kritchevsky S, Braun B, Richards C, Weber S, Pereira CR, The Epic Group. Comparison of US and non-US central venous catheter infections rates: evaluation of processes and indicators in infection control study. 2003;31:237-42 (Global perspectives)

Memish ZA (see Almuneef and Memish). 2003;31:188-92 (Practice forum)

Memish ZA (see Almuneef et al). 2003;31:375-81 (Global perspectives)

Memish ZA (see Balkhy et al). 2003;31:288-90

Merritt K (see Brown and Merritt). 2003;31:257-60 (Brief report)

Michaels B (see Griffith et al). 2003;31:393-6

Michaels B (see Harrison et al). 2003;31:104-8, 387-91

Migone O (see Rosenthal et al). 2003;31:475-80

Miron D (see Colodner et al). 2003;31:322-4 (Clinical case study) Correction 2003;31:365

Mitchell H. Evaluation of aloe vera gel gloves in the treatment of dry skin associated with occupational exposure. 2003;31:516 (Letter)

Mohar A (see Volkow et al). 2003;31:392-6

Moore KL, Sinkowitz-Cochran RL, Safran MA, Chamberland ME, Pearson ML. Anthrax and the mail: the making of an educational video for mail workers. 2003;31:178-20 (Practice forum)

Moriarity HJ (see McKinley et al). 2003;31:397-404

Morosini M (see Fiella et al). 2003;31:347-53

Moseley HS (see Hariharan et al). 2003;31:280-7

Muscatoello DJ (see Brotherton et al). 2003;31:144-50

Mylotte JM, Neff M. Trends in antibiotic use and cost and influence of case-mix and infection rate on antibiotic-prescribing in a long-term care facility. 2003;31:18-25

N

Naguib M (see Saxena et al). 2003;31:26-33

Nainan OV (see Beltrami et al). 2003;31:168-75 (Clinical case study)

Nallamothu BK (see Saint et al). 2003;31:354-6

Nanduri SB (see Hariharan et al). 2003;31:280-7

Narong MN, Thongpiyapoom S, Thaikul N, Jamulitrat S, Kasatpibal N. Surgical site infections in patients undergoing major operations in a university hospital: using standardized infection ratio as a benchmarking tool. 2003;31:274-9

National Nosocomial Infections Surveillance (NNIS) System. National Nosocomial Infections Surveillance (NNIS) System Report, data summary from January 1992 to June 2003, issued August 2003. 2003;31:481-98 (Special article)

Neely AN, Maley MP, Taylor GL. Investigation of single-use versus reusable infectious waste containers as potential sources of microbial contamination. 2003;31:13-7

Neff M (see Mylotte and Neff). 2003;31:18-25

Nemes R (see Alfa and Nemes). 2003;31:193-207

Nenner V. There is a more efficient way... 2003;31:63 (Letter)

Nesin M (see Cimotti et al). 2003;31:43-8

New D (see Hardin et al). 2003;31:508-11 (Brief rep.)

Nicoli JR (see Santos et al). 2003;31:135-43

Nishi I (see Asari et al). 2003;31:157-62

Novak CB (see Patterson et al). 2003;31:226-30

O

Ober J (see Ostrowsky et al). 2003;31:57-9 (Brief rep.)

Oberdorfer A, Wiggers JH, Bowman J, Lecathelais C. Infection control practices among tattooists and body piercers in Sydney, Australia. 2003;31:447-56

O'Leary J (see O'Rourke et al). 2003;31:255-6 (Brief report)

Olmsted RN. Reader reaction and AJIC Editorial Board response: strategic directions for the Journal. 2003;31:517-9 (AJIC reaction & response)

Ordóñez-Flores R (see Porras-Hernández et al). 2003;31:302-8

Orellano PW (see Rosenthal et al). 2003;31:85-92, 291-5

O'Rourke E, Runyan D, O'Leary J, Stern J. Contaminated iodophor in the operating room. 2003;31:255-6 (Brief report)

Osborne S. Influences on compliance with standard precautions among operating room nurses. 2003;31:415-23

Ostrowsky B, Ober J, Wenzel R, Edmond M. The case of the cold thermometers. 2003;31:57-9 (Brief rep.)

Oun S (see Talaat et al). 2003;31:469-74

P

Pakaworawuth S (see Thamlikitkul et al). 2003;31:80-4

Palomar M (see Yébenes et al). 2003;31:462-4

Panhota BR (see Saxena et al). 2003;31:26-33

Panthawanan A (see Keerasuntong et al). 2003;31:9-12

Paotong D, Trakarnchansiri J, Phongsanont K, Churncharoen P, Sitaphong S, Poldee T, Torhiran U, Sukewatanawatana W, Jamulitrat S. Compliance with handwashing in a university hospital in Thailand. 2003;31:128 (Letter)

Partha P (see Shankar et al). 2003;31:410-4
 Paton S (see Zoutman et al). 2003;31:266-73
 Patterson JMM, Novak CB, Mackinnon SE, Ellis RA. Needlestick injuries among medical students. 2003;31:226-30
 Patterson L (see Hardin et al). 2003;31:508-11 (Brief rep.)
 Pearson ML (see Moore et al). 2003;31:178-80 (Practice forum)
 Pereira CR (see Memish et al). 2003;31:237-42 (Global perspectives)
 Perencevich EN (see Kim et al). 2003;31:97-103
 Pérez-Padilla JR (see Volkow et al). 2003;31:392-6
 Pezzotto SM (see Rosenthal et al). 2003;31:405-9
 Phongsanon K (see Paotong et al). 2003;31:128 (Letter)
 Pishori T, Siddiqui AR, Ahmed M. Surgical wound infection surveillance in general surgery procedures at a teaching hospital in Pakistan. 2003;31:296-301
 Poetter C (see Zolldann et al). 2003;31:261-5 Correction 2003;31:386
 Poldee T (see Paotong et al). 2003;31:128 (Letter)
 Porras-Hernández JD, Vilar-Compte D, Casalta-Cruz M, Ordóñez-Flores R, Bracho-Blanchet E, Avila-Figueroa C. A prospective study of surgical site infections in a pediatric hospital in Mexico City. 2003;31:302-8
 Pryor E (see Filomoro et al). 2003;31:511-4 (Practice forum)

R

Rafferty A-M (see Garfield et al). 2003;31:163-7 (Special article)
 Raju B. Awareness of tuberculosis among primary care physicians in low-incidence areas. 2003;31:515-6 (Letter)
 Ray AJ, Donskey CJ. *Clostridium difficile* infection and concurrent vancomycin-resistant *Enterococcus* stool colonization in a health care worker: case report and review of the literature. 2003;31:54-6 (Clinical case study)
 Rebmann T (see Shadel et al). 2003;31:129-34
 Reis CMF (see Santos et al). 2003;31:135-43
 Remé P, Cunha BA. *Enterococcus faecalis* arterial line infection. 2003;31:62-3 (Letter)
 Remé P (see Grinchenko et al). 2003;31:385-6 (Letter)
 Richards C (see Memish et al). 2003;31:237-42 (Global perspectives)
 Ridge A (see Hellard et al). 2003;31:215-20
 Rodríguez E (see Volkow et al). 2003;31:392-6
 Roghmann M-C (see Kim et al). 2003;31:97-103
 Rosenthal VD, Guzman S, Migone O, Crnich CJ. The attributable cost, length of hospital stay, and mortality of central line-associated bloodstream infection in intensive care departments in Argentina: a prospective, matched analysis. 2003;31:475-80
 Rosenthal VD, Guzman S, Orellano PW. Nosocomial infections in medical-surgical intensive care units in Argentina: attributable mortality and length of stay. 2003;31:291-5
 Rosenthal VD, Guzman S, Pezzotto SM, Crnich CJ. Effect of an infection control program using education and performance feedback on rates of intravascular device-associated bloodstream infections in intensive care units in Argentina. 2003;31:405-9
 Rosenthal VD, McCormick RD, Guzman S, Villamayor C, Orellano PW. Effect of education and performance feedback on handwashing: the benefit of administrative support in Argentinean hospitals. 2003;31:85-92
 Rossi MA (see Rossi and Rossi). 2003;31:60 (Letter)
 Rossi RO, Rossi MA. A new potential route of tick-transmitted bacterial diseases to man and animals?. 2003;31:60 (Letter)
 Rüden H (see Gastmeier et al). 2003;31:316-21 (Global perspectives). 424-30
 Runyan D (see O'Rourke et al). 2003;31:255-6 (Brief report)
 Russell ML, Henderson EA. The measurement of influenza vaccine coverage among health care workers. 2003;31:457-61
 Russell ML, Thurston WE, Henderson EA. Theory and models for planning and evaluating institutional influenza prevention and control programs. 2003;31:336-41
 Russo A, Viotti PL, Vitali M, Clementi M. Antimicrobial activity of a new intact skin antiseptics formulation. 2003;31:117-23

S

Saeckou AM (see Beltrami et al). 2003;31:168-75 (Clinical case study)
 Safran MA (see Moore et al). 2003;31:178-80 (Practice forum)
 Saiman L, Siegel J. Cystic Fibrosis Foundation Consensus Conference on Infection Control Participants. Infection control recommendations for patients with cystic fibrosis: microbiology, important pathogens, and infection control practices to prevent patient-to-patient transmission. 2003;31:S6-62 (Supplement)
 Saint S, Higgins LA, Nallamothu BK, Chenoweth C. Do physicians examine patients in contact isolation less frequently? a brief report. 2003;31:354-6
 Saint S (see Marciante et al). 2003;31:1-8
 Sakran W (see Colodner et al). 2003;31:322-4 (Clinical case study) Correction 2003;31:365
 Salata RA (see Mayer et al). 2003;31:221-5
 Santiprasitkul S (see Thamlikitkul et al). 2003;31:80-4
 Santos SG, Serufo JC, Silva RAP, Marra BA, Reis CMF, Hamdan JS, Nicoli JR, Carvalho MAR, Farias LM. Microbiologic profile of intra-abdominal infections at Belo Horizonte, Brazil. 2003;31:135-43
 Sauca G (see Yébenes et al). 2003;31:462-4
 Sawan SP (see Brady et al). 2003;31:208-14
 Saxena AK, Panhotra BR, Sundaram DS, Naguib M, Venkateshappa CK, Uzzaman W, Al Mulhim K. Impact of dedicated space, dialysis equipment, and nursing staff on the transmission of hepatitis C virus in a hemodialysis unit of the Middle East. 2003;31:26-33
 Schweizer HP (see Chuanchuen et al). 2003;31:124-7 (Brief rep.)
 Serra M (see Urrea et al). 2003;31:505-7 (Brief rep.)
 Serra-Prat M (see Yébenes et al). 2003;31:462-4
 Serufo JC (see Santos et al). 2003;31:135-43
 Shadel BN, Rebmann T, Clements B, Chen JJ, Evans RG. Infection control practitioners' perceptions and educational needs regarding bioterrorism: results from a national needs assessment survey. 2003;31:129-34
 Shankar PR, Partha P, Shenoy N, Brahmadathan KN. Investigation of antimicrobial use pattern in the intensive treatment unit of a teaching hospital in western Nepal. 2003;31:410-4
 Shenoy N (see Shankar et al). 2003;31:410-4
 Shih C-C (see Chang et al). 2003;31:34-9
 Shojana KG, Olmsted RN. There is a more efficient way... 2003;31:64 (Letter reply)
 Short TH (see McKinley et al). 2003;31:397-404
 Siddiqui AR (see Pishori et al). 2003;31:296-301
 Siegel J (see Saiman et al). 2003;31:S6-62 (Supplement)
 Silva RAP (see Santos et al). 2003;31:135-43
 Sinkowitz-Cochran RL (see Moore et al). 2003;31:178-80 (Practice forum)
 Sitaphong S (see Paotong et al). 2003;31:128 (Letter)
 Society for Healthcare Epidemiology of America (see American Society for Gastrointestinal Endoscopy and Society for Healthcare Epidemiology of America). 2003;31:309-15 (Special article)
 Sohr D (see Gastmeier et al). 2003;31:316-21 (Global perspectives)
 Sohr D (see Zolldann et al). 2003;31:261-5 Correction 2003;31:386
 Sousa MM (see Manso et al). 2003;31:431-4
 Souza SB (see Manso et al). 2003;31:431-4
 Soyoral Y (see Hosoglu et al). 2003;31:502-4 (Clinical case study)
 Stanley PM. The presence of nucleic acids does not demonstrate the presence of living microbes. 2003;31:515 (Letter)
 Stern J (see O'Rourke et al). 2003;31:255-6 (Brief report)
 Stewart K (see Brotherton et al). 2003;31:144-50
 Stramer SL (see Beltrami et al). 2003;31:168-75 (Clinical case study)
 Streitenberger I (see Matlow et al). 2003;31:149-53
 Sudhisanont I (see Keerasuntponpong et al). 2003;31:9-12
 Sukeewatana W (see Paotong et al). 2003;31:128 (Letter)
 Sundaram DS (see Saxena et al). 2003;31:26-33
 Suntanondra L (see Thamlikitkul et al). 2003;31:80-4

T

Tacyildiz HI (see Geyik et al). 2003;31:342-6
 Tahara K (see Asari et al). 2003;31:157-62
 Talaat M, Kandeel A, El-Shoubary W, Bodenschatz C, Khairy I, Oun S, Mahoney FJ. Occupational exposure to needlestick injuries and hepatitis B vaccination coverage among health care workers in Egypt. 2003;31:469-74
 Tan H-F (see Tseng et al). 2003;31:151-6, 435-40
 Taniike M (see Asari et al). 2003;31:157-62
 Tarantola A, Golliot F, Astagneau P, Fleury L, Brücker G, Bouvet E. Coordinating Center for Hospital Infections Control for Paris and Northern France Blood and Body Fluids Exposure Surveillance Taskforce. Occupational blood and body fluids exposures in health care workers: four-year surveillance from the Northern France Network. 2003;31:357-63
 Taylor GL (see Neely et al). 2003;31:13-7
 Teitler N (see Colodner et al). 2003;31:322-4 (Clinical case study) Correction 2003;31:365
 Teles SA (see Manso et al). 2003;31:431-4
 Tellez O (see Volkow et al). 2003;31:392-6
 Terndrup T (see Filomoro et al). 2003;31:511-4 (Practice forum)
 Thaikul N (see Narong et al). 2003;31:274-9
 Thamlikitkul V, Santiprasitkul S, Suntanondra L, Pakaworawuth S, Tiangrim S, Udompunthurak S, Danchavijitr S. Skin flora of patients in Thailand. 2003;31:80-4
 Thamlikitkul V (see Keerasuntponpong et al). 2003;31:9-12
 Thearawiboon W (see Keerasuntponpong et al). 2003;31:9-12
 Thio M (see Urrea et al). 2003;31:505-7 (Brief rep.)

Thongpiyapoom S (see Narong et al). 2003;31:274-9
 Thurston WE (see Russell et al). 2003;31:336-41
 Tiangrim S (see Keerasuntponpong et al). 2003;31:9-12
 Tiangrim S (see Thamlikitkul et al). 2003;31:80-4
 Torhiran U (see Paotong et al). 2003;31:128 (Letter)
 Toyokawa M (see Asari et al). 2003;31:157-62
 Trakarnchansiri J (see Paotong et al). 2003;31:128 (Letter)
 Troupioti P (see Fietta et al). 2003;31:347-53
 Tsai J-S (see Chang et al). 2003;31:34-9
 Tseng H-F, Tan H-F, Chang C-K, Huang W-L, Ho W-C. Seroepidemiology study of Japanese encephalitis neutralizing antibodies in southern Taiwan: a comparative study between urban city and country townships. 2003;31:435-40
 Tseng H-F, Tan H-F, Chang C-K. Varicella vaccine safety, incidence of breakthrough, and factors associated with breakthrough in Taiwan. 2003;31:151-6
 Turgean C (see Akcay et al). 2003;31:371-4

U

Udompuntharak S (see Thamlikitkul et al). 2003;31:80-4
 Urrea M, Iriondo M, Thio M, Krauel X, Serra M, LaTorre C, Jiménez R. A prospective incidence study of nosocomial infections in a neonatal care unit. 2003;31:505-7 (Brief rep.)
 Usalan C (see Akcay et al). 2003;31:371-4
 Uzzaman W (see Saxena et al). 2003;31:26-33

V

Vásquez C (see Volkow et al). 2003;31:392-6
 Veenstra DL (see Marciante et al). 2003;31:1-8
 Venkateshappa CK (see Saxena et al). 2003;31:26-33
 Vilar-Compte D. 2003;31:392-6
 Vilar-Compte D (see Porras-Hernández et al). 2003;31:302-8
 Villamayor C (see Rosenthal et al). 2003;31:85-92
 Viotti PL (see Russo et al). 2003;31:117-23
 Vitali M (see Russo et al). 2003;31:117-23
 Volkow P, Vásquez C, Téllez O, Aguilar C, Barrera L, Rodriguez E, Vilar-Compte D, Zinser J, Calderón E, Pérez-Padilla JR, Mohar A. Polyurethane II catheter as long-indwelling intravenous catheter in patients with cancer. 2003;31:392-6

W

Waitayapiches S (see Keerasuntponpong et al). 2003;31:9-12
 Watanabe M (see Asari et al). 2003;31:157-62
 Weber S (see Memish et al). 2003;31:237-42 (Global perspectives)
 Weist K (see Gastmeier et al). 2003;31:424-30
 Wenzel R (see Ostrowsky et al). 2003;31:57-9 (Brief rep.)
 West DP, Zhu YF. Evaluation of aloe vera gel gloves in the treatment of dry skin associated with occupational exposure. 2003;31:40-2
 White C, Kolble R, Carlson R, Lipson N, Dolan M, Ali Y, Cline M. The effect of hand hygiene on illness rate among students in university residence halls. 2003;31:364-70
 Wiggers JH (see Oberdorfer et al). 2003;31:447-56
 Williams IT (see Beltrami et al). 2003;31:168-75 (Clinical case study)
 Wilson PJ (see Edmiston et al). 2003;31:382-4 (Clinical case study)
 Wolfe T (see Bossart and Wolfe). 2003;31:441-4 (Practice forum)
 Wrax R (see Matlow et al). 2003;31:49-53

Y

Yaman H, Yayli G. Perceptions of physicians on infection control activities in Turkish hospitals: a cross-section survey. 2003;31:325-8 (Brief rep.)
 Yasavul U (see Akcay et al). 2003;31:371-4
 Yayli G (see Yaman and Yayli). 2003;31:325-8 (Brief rep.)
 Yébenes JC, Martínez F, Serra-Prat, M, Saúca G, Capdevila JA, Balanzó X, Palomar M. Resistance to the migration of microorganisms of a needle-free disinfectable connector. 2003;31:462-4
 Yurkovetskiy AV (see Brady et al). 2003;31:208-14

Z

Zepeda-Zepeda MA (see Irigoyen-Camacho et al). 2003;31:231-6 (Global perspectives)
 Zhu YF (see West and Zhu). 2003;31:40-2
 Zinser J (see Volkow et al). 2003;31:392-6
 Zollmann D, Haefner H, Poetter C, Buzello S, Sohr D, Luetticken R, Lemmen SW. Assessment of a selective surveillance method for detecting nosocomial infections in patients in the intensive care department. 2003;31:261-5 Correction 2003;31:386
 Zoutman DE, Ford BD, Bryce E, Gourdeau M, Hébert G, Henderson E, Paton S, Canadian Hospital Epidemiology Committee, Canadian Nosocomial Infection Surveillance Program, Health Canada. The state of infection surveillance and control in Canadian acute care hospitals. 2003;31:266-73

Subject index*

Abstracts for the APIC 30th Annual Educational Conference and International Meeting are located at www.mosby.com/ajic.

A

Abdomen

Microbiologic profile of intra-abdominal infections at Belo Horizonte, Brazil (Santos et al). 2003;31:135-43

AIDS

Attitudes of a group of Mexico City residents toward HIV/AIDS in the dental office (Irigoyen-Camacho et al). 2003;31:231-6 (Global perspectives)

Alcohol hand sanitizer

Use of alcohol hand sanitizer as an infection control strategy in an acute care facility (Hilburn et al). 2003;31:109-16

Aloe vera gel

Evaluation of aloe vera gel gloves in the treatment of dry skin associated with occupational exposure (Mitchell). 2003;31:516 (Letter)

Evaluation of aloe vera gel gloves in the treatment of dry skin associated with occupational exposure (West and Zhu). 2003;31:40-2

American Journal of Infection Control

Reader reaction and AJIC Editorial Board response: strategic directions for the Journal (Olmsted). 2003;31:517-9 (AJIC reaction & response)

Anthrax

Anthrax and the mail: the making of an educational video for mail workers (Moore et al). 2003;31:178-80 (Practice forum)

The Anthrax Team: a novel teaching approach to increase anthrax and bioterrorism awareness (Brooks and Dauenhauer). 2003;31:176-7 (Practice forum). Correction: 2000;31:329-330

Antibiotic resistance

Microbial flora of hands of homemakers (Larson et al). 2003;31:72-9

Spectrum of microbes and antimicrobial resistance in a surgical intensive care unit, Barbados (Hariharan et al). 2003;31:280-7

Antibiotics

Trends in antibiotic use and cost and influence of case-mix and infection rate on antibiotic-prescribing in a long-term care facility (Mylotte and Neff). 2003;31:18-25

Anti-infective agents, local

Adverse reactions associated with an alcohol-based hand antiseptic among nurses in a neonatal intensive care unit (Cimotti et al). 2003;31:43-8

Antimicrobial agents

Investigation of antimicrobial use pattern in the intensive treatment unit of a teaching hospital in western Nepal (Shankar et al). 2003;31:410-4

Which antimicrobial impregnated central venous catheter should we use? modeling the costs and outcomes of antimicrobial catheter use (Marcante et al). 2003;31:1-8

B

Bacteria

Environmental surface cleanliness and the potential for contamination during handwashing (Griffith et al). 2003;31:93-6

High-level triclosan resistance in *Pseudomonas aeruginosa* is solely a result of efflux (Chuanchuen et al). 2003;31:124-7 (Brief rep.)

Microbiologic profile of intra-abdominal infections at Belo Horizonte, Brazil (Santos et al). 2003;31:135-43

A new potential route of tick-transmitted bacterial diseases to man and animals? (Rossi and Rossi). 2003;31:60 (Letter)

Persistent silver disinfectant for the environmental control of pathogenic bacteria (Brady et al). 2003;31:208-14

Skin flora of patients in Thailand (Thamlikitkul et al). 2003;31:80-4

Bioterrorism

An innovative approach to training hospital-based clinicians for bioterrorist attacks (Filomoro et al). 2003;31:511-4 (Practice forum)

The Anthrax Team: a novel teaching approach to increase anthrax and bioterrorism awareness (Brooks and Dauenhauer). 2003;31:176-7 (Practice forum). Correction: 2000;31:329-330

Infection control practitioners' perceptions and educational needs regarding bioterrorism: results from a national needs assessment survey (Shadel et al). 2003;31:129-34

*February, 1-66; April, 67-128; May, 129-192, S1-S62; June, 193-260; August, 261-330; October, 331-386; November, 387-446; December 447-530.

Blood-borne pathogens

A cluster of nosocomial *Klebsiella pneumoniae* bloodstream infections in a neonatal intensive care department: identification of transmission and intervention (Gastmeier et al). 2003;31:424-30

Effect of an infection control program using education and performance feedback on rates of intravascular device-associated bloodstream infections in intensive care units in Argentina (Rosenthal et al). 2003;31:405-9

Occupational blood and body fluids exposures in health care workers: four-year surveillance from the Northern France Network (Tarantola et al). 2003;31:357-63

Body fluids

Occupational blood and body fluids exposures in health care workers: four-year surveillance from the Northern France Network (Tarantola et al). 2003;31:357-63

Body piercing

Infection control practices among tattooists and body piercers in Sydney, Australia (Oberdorfer et al). 2003;31:447-56

Body-piercing practitioners

Investigation of infection control practices and knowledge of hepatitis C among body-piercing practitioners (Hellard et al). 2003;31:215-20

Brief reports

Brief reports. 2003;31:57-9, 124-7, 255-60, 325-8, 505-7

Burns

Epidemiology of burn unit infections in children (Geyik et al). 2003;31:342-6

C

Catheters, indwelling

The attributable cost, length of hospital stay, and mortality of central line-associated bloodstream infection in intensive care departments in Argentina: a prospective, matched analysis (Rosenthal et al). 2003;31:475-80

Comparison of US and non-US central venous catheter infections rates: evaluation of processes and indicators in infection control study (Memish et al). 2003;31:237-42 (Global perspectives)

Enterococcus faecalis arterial line infection (Remé and Cunha). 2003;31:62-3 (Letter)

Evaluation of infectious complications of the implantable venous access system in a general oncologic population (Chang et al). 2003;31:34-9

Polyurethane II catheter as long-indwelling intravenous catheter in patients with cancer (Volkow et al). 2003;31:392-6

Resistance to the migration of microorganisms of a needle-free disinfectable connector (Yébènes et al). 2003;31:462-4

Which antimicrobial impregnated central venous catheter should we use? modeling the costs and outcomes of antimicrobial catheter use (Marcante et al). 2003;31:1-8

Catheters, urinary

Incidence of urinary tract infections in patients with short-term indwelling urethral catheters: a comparison between a 3-day urinary drainage bag change and no change regimens (Keerasuntongpong et al). 2003;31:9-12

Centers for Disease Control

Clinical or epidemiologic diagnosis of nosocomial pneumonia: is there any difference? (Beck and Gastmeier). 2003;31:331-5

Cesarean section

Effect of intensive surveillance on cesarean-section wound infection rate in a Saudi Arabian hospital (Balkhy et al). 2003;31:288-90

Children

Clinical comparisons of La Crosse encephalitis and enteroviral central nervous system infections in a pediatric population: 2001 surveillance in East Tennessee (Hardin et al). 2003;31:508-11 (Brief rep.)

Epidemiology of burn unit infections in children (Geyik et al). 2003;31:342-6

Chloramine-T

Antimicrobial activity of a new intact skin antisepsis formulation (Russo et al). 2003;31:117-23

Cleaning systems

Inadequacy of manual cleaning for reprocessing single-use, triple-lumen sphincterotomes: simulated-use testing comparing manual with automated methods (Alfa and Nemes). 2003;31:193-207

Multi-society guideline for reprocessing flexible gastrointestinal endoscopes (American Society for Gastrointestinal Endoscopy and Society for Healthcare Epidemiology of America). 2003;31:309-15 (Special article)

Persistent silver disinfectant for the environmental control of pathogenic bacteria (Brady et al). 2003;31:208-14

Use of audit tools to evaluate the efficacy of cleaning systems in hospitals (Malik et al). 2003;31:181-7 (Practice forum)

Clinical case study

Clinical case study. 2003;31:54-6, 168-75, 322-4, 382-4, 502-4

Clinical trials

Resistance to the migration of microorganisms of a needle-free disinfectable connector (Yébenes et al). 2003;31:462-4

Clostridium difficile*Clostridium difficile* infection and concurrent vancomycin-resistant *Enterococcus* stool colonization in a health care worker: case report and review of the literature (Ray and Donskey). 2003;31:54-6 (Clinical case rep.)**College students**

Handwashing among female college students (Drankiewicz and Dundes). 2003;31:67-71

Commentary

Commentary. 2003;31:499-501

Corrections

The Anthrax Team: a novel teaching approach to increase anthrax and bioterrorism awareness (Brooks and Dauenhauer). 2003;31:176-177 (Practice forum). 2000;31:329-30

Cross infection

Assessment of a selective surveillance method for detecting nosocomial infections in patients in the intensive care department (Zoldann et al). 2003;31:261-5 Correction 2003;31:365

Bacterial transfer and cross-contamination potential associated with paper-towel dispensing (Harrison et al). 2003;31:387-91

Clinical or epidemiologic diagnosis of nosocomial pneumonia: is there any difference? (Beck and Gastmeier). 2003;31:331-5

Do physicians examine patients in contact isolation less frequently? a brief report (Saint et al). 2003;31:354-6

Effect of an infection control program using education and performance feedback on rates of intravascular device-associated bloodstream infections in intensive care units in Argentina (Rosenthal et al). 2003;31:405-9

Effect of comparative feedback on intensive care unit infection rates in a Veteran Administration Hospital Network System (McKinley et al). 2003;31:397-404

Epidemiology of burn unit infections in children (Geyik et al). 2003;31:342-6

Flavimonas oryzihabitans pseudomeningitis (Grinchenko et al). 2003;31:385-6 (Letter)*Listeria monocytogenes* cross-contamination in a nursery (Colodner et al). 2003;31:322-4 (Clinical case study) Correction 2003;31:365

Microbial contamination of enteral feed administration sets in a pediatric institution (Matlow et al). 2003;31:49-53

Microbiologic profile of intra-abdominal infections at Belo Horizonte, Brazil (Santos et al). 2003;31:135-43

National Nosocomial Infection Surveillance System-based study in Iran: additional hospital stay attributable to nosocomial infections (Askarian and Gooran). 2003;31:465-8

A prospective incidence study of nosocomial infections in a neonatal care unit (Urrea et al). 2003;31:505-7 (Brief rep.)

A prospective study of surgical site infections in a pediatric hospital in Mexico City (Porras-Hernández et al). 2003;31:302-8

Venturi atomizers as potential sources of patient cross-infection (Bossart and Wolfe). 2003;31:441-4 (Practice forum)

Cystic fibrosis

Infection control recommendations for patients with cystic fibrosis: microbiology, important pathogens, and infection control practices to prevent patient-to-patient transmission (Saiman et al). 2003;31:S6-62 (Supplement)

D**Dental clinics**

Attitudes of a group of Mexico City residents toward HIV/AIDS in the dental office (Irigoyen-Camacho et al). 2003;31:231-6 (Global perspectives)

Dermatitis, occupational

Adverse reactions associated with an alcohol-based hand antiseptic among nurses in a neonatal intensive care unit (Cimotti et al). 2003;31:43-8

Evaluation of aloe vera gel gloves in the treatment of dry skin associated with occupational exposure (West and Zhu). 2003;31:40-2

Disinfectants

Persistent silver disinfectant for the environmental control of pathogenic bacteria (Brady et al). 2003;31:208-14

Disinfection

Disinfection and the prevention of infectious disease (Cozad and Jones). 2003;31:243-54 (State of the science)

Multi-society guideline for reprocessing flexible gastrointestinal endoscopes (American Society for Gastrointestinal Endoscopy and Society for Health-care Epidemiology of America). 2003;31:309-15 (Special article)

Use of containment pans and lids for autoclaving caustic solutions (Brown and Merritt). 2003;31:257-60 (Brief report)

Drainage

Incidence of urinary tract infections in patients with short-term indwelling urethral catheters: a comparison between a 3-day urinary drainage bag change and no change regimens (Keerasuntonpong et al). 2003;31:9-12

Drug resistance, microbial

Spectrum of microbes and antimicrobial resistance in a surgical intensive care unit, Barbados (Hariharan et al). 2003;31:280-7

DysenteryBilateral pneumonia associated with *Shigella sonnei* dysentery (Margolin and Engelhard). 2003;31:445-6 (Letter)**E****Emergency service, hospital**

An innovative approach to training hospital-based clinicians for bioterrorist attacks (Filomoro et al). 2003;31:511-4 (Practice forum)

Encephalitis, Japanese

Seroepidemiology study of Japanese encephalitis neutralizing antibodies in southern Taiwan: a comparative study between urban city and country townships (Tseng et al). 2003;31:435-40

Encephalitis, La Crosse

Clinical comparisons of La Crosse encephalitis and enteroviral central nervous system infections in a pediatric population: 2001 surveillance in East Tennessee (Hardin et al). 2003;31:508-11 (Brief rep.)

Enteral nutrition

Microbial contamination of enteral feed administration sets in a pediatric institution (Matlow et al). 2003;31:49-53

EnterococciRole of fecal incontinence in contamination of the environment with vancomycin-resistant *Enterococci* (Mayer et al). 2003;31:221-5**Enterococcus faecalis***Enterococcus faecalis* arterial line infection (Remé and Cunha). 2003;31:62-3 (Letter)**Enterovirus**

Clinical comparisons of La Crosse encephalitis and enteroviral central nervous system infections in a pediatric population: 2001 surveillance in East Tennessee (Hardin et al). 2003;31:508-11 (Brief rep.)

Environmental surface cleanliness

Contaminated iodophor in the operating room (O'Rourke et al). 2003;31:255-6 (Brief report)

Disinfection and the prevention of infectious disease (Cozad and Jones). 2003;31:243-54 (State of the science)

Environmental surface cleanliness and the potential for contamination during handwashing (Griffith et al). 2003;31:93-6

Use of containment pans and lids for autoclaving caustic solutions (Brown and Merritt). 2003;31:257-60 (Brief report)

Epidemiology

National Nosocomial Infection Surveillance System-based study in Iran: additional hospital stay attributable to nosocomial infections (Askarian and Gooran). 2003;31:465-8

Seroepidemiology study of Japanese encephalitis neutralizing antibodies in southern Taiwan: a comparative study between urban city and country townships (Tseng et al). 2003;31:435-40

Equipment and supplies

The Food and Drug Administration should regulate medical devices—not hospitals (Belkin). 2003;31:499-501 (Commentary)

Equipment contamination

Contaminated operating room boots (Belkin). 2003;31:61-2 (Letter)

Microbial contamination of enteral feed administration sets in a pediatric institution (Matlow et al). 2003;31:49-53

Multi-society guideline for reprocessing flexible gastrointestinal endoscopes (American Society for Gastrointestinal Endoscopy and Society for Health-care Epidemiology of America). 2003;31:309-15 (Special article)

Use of containment pans and lids for autoclaving caustic solutions (Brown and Merritt). 2003;31:257-60 (Brief report)

Equipment procurement

The case of the cold thermometers (Ostrowsky et al). 2003;31:57-9 (Brief rep.)

F**Fecal incontinence**Role of fecal incontinence in contamination of the environment with vancomycin-resistant *Enterococci* (Mayer et al). 2003;31:221-5**Flavimonas oryzihabitans pseudomeningitis***Flavimonas oryzihabitans* pseudomeningitis (Grinchenko et al). 2003;31:385-6 (Letter)**Food and Drug Administration**

The Food and Drug Administration should regulate medical devices—not hospitals (Belkin). 2003;31:499-501 (Commentary)

G**Germany**

Five years working with the German Nosocomial Infection Surveillance System (Krankenhaus Infektions Surveillance System) (Gastmeier et al). 2003;31:316-21 (Global perspectives)

Global perspectives

Global perspectives. 2003;31:231-42, 316-21, 375-81

Gloves, protection

Evaluation of aloe vera gel gloves in the treatment of dry skin associated with occupational exposure (Mitchell). 2003;31:516 (Letter)

Gloves, protective

Evaluation of aloe vera gel gloves in the treatment of dry skin associated with occupational exposure (West and Zhu). 2003;31:40-2

Rates of hand disinfection associated with glove use, patient isolation, and changes between exposure to various body sites (Kim et al). 2003;31:97-103

H**Handwashing**

Adverse reactions associated with an alcohol-based hand antiseptic among nurses in a neonatal intensive care unit (Cimotti et al). 2003;31:43-8

Bacterial transfer and cross-contamination potential associated with paper-towel dispensing (Harrison et al). 2003;31:387-91

Compliance with handwashing in a university hospital in Thailand (Paotong et al). 2003;31:128 (Letter)

Effect of education and performance feedback on handwashing: the benefit of administrative support in Argentinean hospitals (Rosenthal et al). 2003;31:85-92

The effect of hand hygiene on illness rate among students in university residence halls (White et al). 2003;31:364-70

Environmental surface cleanliness and the potential for contamination during handwashing (Griffith et al). 2003;31:93-6

Handwashing among female college students (Drankiewicz and Dundes). 2003;31:67-71

Microbial flora of hands of homemakers (Larson et al). 2003;31:72-9

Rates of hand disinfection associated with glove use, patient isolation, and changes between exposure to various body sites (Kim et al). 2003;31:97-103

Technique to determine contamination exposure routes and economic efficiency of folded paper-towel dispensing (Harrison et al). 2003;31:104-8

Use of alcohol hand sanitizer as an infection control strategy in an acute care facility (Hilburn et al). 2003;31:109-16

Health

Effective medical waste management: it can be done (Almuneef and Memish). 2003;31:188-92 (Practice forum)

Healthcare costs

The attributable cost, length of hospital stay, and mortality of central line-associated bloodstream infection in intensive care departments in Argentina: a prospective, matched analysis (Rosenthal et al). 2003;31:475-80

Polyurethane II catheter as long-indwelling intravenous catheter in patients with cancer (Volkow et al). 2003;31:392-6

Trends in antibiotic use and cost and influence of case-mix and infection rate on antibiotic-prescribing in a long-term care facility (Mylotte and Neff). 2003;31:18-25

Which antimicrobial impregnated central venous catheter should we use? modeling the costs and outcomes of antimicrobial catheter use (Marcante et al). 2003;31:1-8

Health education

Anthrax and the mail: the making of an educational video for mail workers (Moore et al). 2003;31:178-80 (Practice forum)

Health personnel

2003;31:61-2 (Letter)

Clostridium difficile infection and concurrent vancomycin-resistant *Enterococcus* stool colonization in a health care worker: case report and review of the literature (Ray and Donskey). 2003;31:54-6 (Clinical case rep.)

Do we practice what we preach? health care worker screening and vaccination (Brotherton et al). 2003;31:144-50

Effect of education and performance feedback on handwashing: the benefit of administrative support in Argentinean hospitals (Rosenthal et al). 2003;31:85-92

Infection control practitioners' perceptions and educational needs regarding bioterrorism: results from a national needs assessment survey (Shadel et al). 2003;31:129-34

The measurement of influenza vaccine coverage among health care workers (Russell and Henderson). 2003;31:457-61

Occupational blood and body fluids exposures in health care workers: four-year surveillance from the Northern France Network (Tarantola et al). 2003;31:357-63

Occupational exposure to needlestick injuries and hepatitis B vaccination coverage among health care workers in Egypt (Talaat et al). 2003;31:469-74

Seroprevalence survey of measles, rubella, varicella, and mumps antibodies in health care workers and evaluation of a vaccination program in a tertiary care hospital in Japan (Asari et al). 2003;31:157-62

Theory and models for planning and evaluating institutional influenza prevention and control programs (Russell et al). 2003;31:336-41

Transmission of hepatitis C by blood splash into conjunctiva in a nurse (Hosoglu et al). 2003;31:502-4 (Clinical case study)

Transmission of HIV and hepatitis C virus from a nursing home patient to a health care worker (Beltrami et al). 2003;31:168-75 (Clinical case study)

Varicella zoster virus immunity in multinational health care workers of a Saudi Arabian hospital (Almuneef et al). 2003;31:375-81 (Global perspectives)

Hemodialysis

The booster phenomenon in 2-step tuberculin skin testing of patients receiving long-term hemodialysis (Akçay et al). 2003;31:371-4

Impact of dedicated space, dialysis equipment, and nursing staff on the transmission of hepatitis C virus in a hemodialysis unit of the Middle East (Saxena et al). 2003;31:26-33

Hepatitis B

Occupational exposure to needlestick injuries and hepatitis B vaccination coverage among health care workers in Egypt (Talaat et al). 2003;31:469-74

Hepatitis C

Impact of dedicated space, dialysis equipment, and nursing staff on the transmission of hepatitis C virus in a hemodialysis unit of the Middle East (Saxena et al). 2003;31:26-33

Investigation of infection control practices and knowledge of hepatitis C among body-piercing practitioners (Hellard et al). 2003;31:215-20

Transmission of hepatitis C by blood splash into conjunctiva in a nurse (Hosoglu et al). 2003;31:502-4 (Clinical case study)

Transmission of HIV and hepatitis C virus from a nursing home patient to a health care worker (Beltrami et al). 2003;31:168-75 (Clinical case study)

HIV

Attitudes of a group of Mexico City residents toward HIV/AIDS in the dental office (Irigoyen-Camacho et al). 2003;31:231-6 (Global perspectives)

Transmission of HIV and hepatitis C virus from a nursing home patient to a health care worker (Beltrami et al). 2003;31:168-75 (Clinical case study)

Hospital administration

Effective medical waste management: it can be done (Almuneef and Memish). 2003;31:188-92 (Practice forum)

Effect of education and performance feedback on handwashing: the benefit of administrative support in Argentinean hospitals (Rosenthal et al). 2003;31:85-92

Hospitals

An innovative approach to training hospital-based clinicians for bioterrorist attacks (Filomoro et al). 2003;31:511-4 (Practice forum)

The case of the cold thermometers (Ostrowsky et al). 2003;31:57-9 (Brief rep.)

Comparison of US and non-US central venous catheter infections rates: evaluation of processes and indicators in infection control study (Memish et al). 2003;31:237-42 (Global perspectives)

Do we practice what we preach? health care worker screening and vaccination (Brotherton et al). 2003;31:144-50

Five years working with the German Nosocomial Infection Surveillance System (Krankenhaus Infektions Surveillance System) (Gastmeier et al). 2003;31:316-21 (Global perspectives)

The Food and Drug Administration should regulate medical devices—not hospitals (Belkin). 2003;31:499-501 (Commentary)

Incidence of urinary tract infections in patients with short-term indwelling urethral catheters: a comparison between a 3-day urinary drainage bag change and no change regimens (Keerasuntongpong et al). 2003;31:9-12

The monkeypox virus outbreak: reflections from the frontlines (Edmiston et al). 2003;31:382-4 (Clinical case study)

Seroprevalence survey of measles, rubella, varicella, and mumps antibodies in health care workers and evaluation of a vaccination program in a tertiary care hospital in Japan (Asari et al). 2003;31:157-62

Skin flora of patients in Thailand (Thamlikitkul et al). 2003;31:80-4

The state of infection surveillance and control in Canadian acute care hospitals (Zoutman et al). 2003;31:266-73

Use of audit tools to evaluate the efficacy of cleaning systems in hospitals (Malik et al). 2003;31:181-7 (Practice forum)

Hospitals, pediatric

A prospective study of surgical site infections in a pediatric hospital in Mexico City (Porras-Hernández et al). 2003;31:302-8

Hospitals, teaching

Investigation of antimicrobial use pattern in the intensive treatment unit of a teaching hospital in western Nepal (Shankar et al). 2003;31:410-4

Surgical wound infection surveillance in general surgery procedures at a teaching hospital in Pakistan (Pishori et al). 2003;31:296-301

Hospitals, university

Compliance with handwashing in a university hospital in Thailand (Paotong et al). 2003;31:128 (Letter)

Surgical site infections in patients undergoing major operations in a university hospital: using standardized infection ratio as a benchmarking tool (Narong et al). 2003;31:274-9

I**Immunization, secondary**

The booster phenomenon in 2-step tuberculin skin testing of patients receiving long-term hemodialysis (Akçay et al). 2003;31:371-4

Infection

The presence of nucleic acids does not demonstrate the presence of living microbes (Stanley). 2003;31:515

Reader reaction and AJIC Editorial Board response: strategic directions for the Journal (Olmsted). 2003;31:517-9 (AJIC reaction & response)

Infection control

Antimicrobial activity of a new intact skin antisepsis formulation (Russo et al). 2003;31:117-23

Compliance with handwashing in a university hospital in Thailand (Paotong et al). 2003;31:128 (Letter)

Contaminated operating room boots (Belkin). 2003;31:61-2 (Letter)

Disinfection and the prevention of infectious disease (Cozad and Jones). 2003;31:243-54 (State of the science)

Evaluation of infectious complications of the implantable venous access system in a general oncologic population (Chang et al). 2003;31:34-9

Impact of dedicated space, dialysis equipment, and nursing staff on the transmission of hepatitis C virus in a hemodialysis unit of the Middle East (Saxena et al). 2003;31:26-33

Infection control practices among tattooists and body piercers in Sydney, Australia (Oberdorfer et al). 2003;31:447-56

Infection control recommendations for patients with cystic fibrosis: microbiology, important pathogens, and infection control practices to prevent patient-to-patient transmission (Saiman et al). 2003;31:S6-62 (Supplement)

Investigation of infection control practices and knowledge of hepatitis C among body-piercing practitioners (Hellard et al). 2003;31:215-20

The monkeypox virus outbreak: reflections from the frontlines (Edmiston et al). 2003;31:382-4 (Clinical case study)

Perceptions of physicians on infection control activities in Turkish hospitals: a cross-section survey (Yaman and Yaylı). 2003;31:325-8 (Brief rep)

Rates of hand disinfection associated with glove use, patient isolation, and changes between exposure to various body sites (Kim et al). 2003;31:97-103

The state of infection surveillance and control in Canadian acute care hospitals (Zoutman et al). 2003;31:266-73

Technique to determine contamination exposure routes and economic efficiency of folded paper-towel dispensing (Harrison et al). 2003;31:104-8

Use of alcohol hand sanitizer as an infection control strategy in an acute care facility (Hilburn et al). 2003;31:109-16

Influenza

The measurement of influenza vaccine coverage among health care workers (Russell and Henderson). 2003;31:457-61

Theory and models for planning and evaluating institutional influenza prevention and control programs (Russell et al). 2003;31:336-41

Intensive care units

Assessment of a selective surveillance method for detecting nosocomial infections in patients in the intensive care department (Zoldann et al). 2003;31:261-5 Correction 2003;31:365

The attributable cost, length of hospital stay, and mortality of central line-associated bloodstream infection in intensive care departments in Argentina: a prospective, matched analysis (Rosenthal et al). 2003;31:475-80

Comparison of US and non-US central venous catheter infections rates: evaluation of processes and indicators in infection control study (Memish et al). 2003;31:237-42 (Global perspectives)

Compliance with hepatitis B virus vaccination and risk of occupational exposure to blood and other body fluids in intensive care department personnel in Brazil (Manso et al). 2003;31:431-4

Effect of an infection control program using education and performance feedback on rates of intravascular device-associated bloodstream infections in intensive care units in Argentina (Rosenthal et al). 2003;31:405-9

Effect of comparative feedback on intensive care unit infection rates in a Veteran Administration Hospital Network System (McKinley et al). 2003;31:397-404

Investigation of antimicrobial use pattern in the intensive treatment unit of a teaching hospital in western Nepal (Shankar et al). 2003;31:410-4

Nosocomial infections in medical-surgical intensive care units in Argentina: attributable mortality and length of stay (Rosenthal et al). 2003;31:291-5

Spectrum of microbes and antimicrobial resistance in a surgical intensive care unit, Barbados (Hariharan et al). 2003;31:280-7

Intensive care units, neonatal

A cluster of nosocomial *Klebsiella pneumoniae* bloodstream infections in a neonatal intensive care department: identification of transmission and intervention (Gastmeier et al). 2003;31:424-30

Interferon-γ

Comparison of a whole-blood interferon-γ assay and tuberculin skin testing in patients with active tuberculosis and individuals at high or low risk of *Mycobacterium tuberculosis* infection (Fienna et al). 2003;31:347-53

Iodophor

Contaminated iodophor in the operating room (O'Rourke et al). 2003;31:255-6 (Brief report)

K***Klebsiella pneumoniae***

A cluster of nosocomial *Klebsiella pneumoniae* bloodstream infections in a neonatal intensive care department: identification of transmission and intervention (Gastmeier et al). 2003;31:424-30

L**Length of stay**

The attributable cost, length of hospital stay, and mortality of central line-associated bloodstream infection in intensive care departments in Argentina: a prospective, matched analysis (Rosenthal et al). 2003;31:475-80

National Nosocomial Infection Surveillance System-based study in Iran: additional hospital stay attributable to nosocomial infections (Askarian and Gooran). 2003;31:465-8

Nosocomial infections in medical-surgical intensive care units in Argentina: attributable mortality and length of stay (Rosenthal et al). 2003;31:291-5

Letters

Awareness of tuberculosis among primary care physicians in low-incidence areas (Raju). 2003;31:515-6

Bilateral pneumonia associated with *Shigella sonnei* dysentery (Margolin and Engelhard). 2003;31:445-6

Compliance with handwashing in a university hospital in Thailand (Paotong et al). 2003;31:128

Contaminated operating room boots (Belkin). 2003;31:61-2

Enterococcus faecalis arterial line infection (Remé and Cunha). 2003;31:62-3 (Letter)

Evaluation of aloe vera gel gloves in the treatment of dry skin associated with occupational exposure (Mitchell). 2003;31:516

Flavimonas oryzihabitans pseudomenigitidis (Grinchenko et al). 2003;31:385-6

A new potential route of tick-transmitted bacterial diseases to man and animals? (Rossi and Rossi). 2003;31:60

The presence of nucleic acids does not demonstrate the presence of living microbes (Stanley). 2003;31:515

Listeria monocytogenes

Listeria monocytogenes cross-contamination in a nursery (Colodner et al). 2003;31:322-4 (Clinical case study) Correction 2003;31:365

Long-term care

Trends in antibiotic use and cost and influence of case-mix and infection rate on antibiotic-prescribing in a long-term care facility (Mylotte and Neff). 2003;31:18-25

M**Mail workers**

Anthrax and the mail: the making of an educational video for mail workers (Moore et al). 2003;31:178-80 (Practice forum)

Medical audit

Use of audit tools to evaluate the efficacy of cleaning systems in hospitals (Malik et al). 2003;31:181-7 (Practice forum)

Medical students

Needlestick injuries among medical students (Patterson et al). 2003;31:226-30

Medical waste

Investigation of single-use versus reusable infectious waste containers as potential sources of microbial contamination (Neely et al). 2003;31:15-7

Monkeypox virus

The monkeypox virus outbreak: reflections from the frontlines (Edmiston et al). 2003;31:382-4 (Clinical case study)

Mortality

Nosocomial infections in medical-surgical intensive care units in Argentina: attributable mortality and length of stay (Rosenthal et al). 2003;31:291-5

Mycobacterium tuberculosis

Comparison of a whole-blood interferon- γ assay and tuberculin skin testing in patients with active tuberculosis and individuals at high or low risk of *Mycobacterium tuberculosis* infection (Fietta et al). 2003;31:347-53

N

National Nosocomial Infections Surveillance (NNIS) System Report, data summary from January 1992 to June 2003, issued August 2003 (National Nosocomial Infections Surveillance (NNIS) System). 2003;31:481-98 (Special article)

Nebulizers and vaporizers

Venturi atomizers as potential sources of patient cross-infection (Bossart and Wolfe). 2003;31:441-4 (Practice forum)

Needle-free connectors, disinfectable

Resistance to the migration of microorganisms of a needle-free disinfectable connector (Yébenes et al). 2003;31:462-4

Needlestick injuries

Needlestick injuries among medical students (Patterson et al). 2003;31:226-30

Occupational exposure to needlestick injuries and hepatitis B vaccination coverage among health care workers in Egypt (Talaat et al). 2003;31:469-74

Needs assessment

Infection control practitioners' perceptions and educational needs regarding bioterrorism: results from a national needs assessment survey (Shadel et al). 2003;31:129-34

Neonatal care units

A prospective incidence study of nosocomial infections in a neonatal care unit (Urrea et al). 2003;31:505-7 (Brief rep.)

Nucleic acids

The presence of nucleic acids does not demonstrate the presence of living microbes (Stanley). 2003;31:515 (Letter)

Nurseries, hospital

Listeria monocytogenes cross-contamination in a nursery (Colodner et al). 2003;31:322-4 (Clinical case study) Correction 2003;31:365

Nurses

Commentary: the evolving role of nurses in terrorism and war (Garfield et al). 2003;31:163-7 (Special article)

Influences on compliance with standard precautions among operating room nurses (Osborne). 2003;31:415-23

O**Occupational exposure**

Compliance with hepatitis B virus vaccination and risk of occupational exposure to blood and other body fluids in intensive care department personnel in Brazil (Manso et al). 2003;31:431-4

Needlestick injuries among medical students (Patterson et al). 2003;31:226-30

Occupational blood and body fluids exposures in health care workers: four-year surveillance from the Northern France Network (Tarantola et al). 2003;31:357-63

Transmission of hepatitis C by blood splash into conjunctiva in a nurse (Hosoglu et al). 2003;31:502-4 (Clinical case study)

Oncology service, hospital

Evaluation of infectious complications of the implantable venous access system in a general oncologic population (Chang et al). 2003;31:34-9

Operating rooms

Contaminated iodophor in the operating room (O'Rourke et al). 2003;31:255-6 (Brief report)

Influences on compliance with standard precautions among operating room nurses (Osborne). 2003;31:415-23

P**Paper towels**

Bacterial transfer and cross-contamination potential associated with paper-towel dispensing (Harrison et al). 2003;31:387-91

Technique to determine contamination exposure routes and economic efficiency of folded paper-towel dispensing (Harrison et al). 2003;31:104-8

PARADIGM

There is a more efficient way... (Nenner) (Letter) (Shojana and Olmsted) (Reply). 2003;31:63-4

Patient isolation

Do physicians examine patients in contact isolation less frequently? a brief report (Saint et al). 2003;31:354-6

Perception

Perceptions of physicians on infection control activities in Turkish hospitals: a cross-section survey (Yaman and Yayli). 2003;31:325-8 (Brief rep.)

Physicians

Awareness of tuberculosis among primary care physicians in low-incidence areas (Raju). 2003;31:515-6 (Letter)

Do physicians examine patients in contact isolation less frequently? a brief report (Saint et al). 2003;31:354-6

Perceptions of physicians on infection control activities in Turkish hospitals: a cross-section survey (Yaman and Yayli). 2003;31:325-8 (Brief rep.)

Pneumonia

Bilateral pneumonia associated with *Shigella sonnei* dysentery (Margolin and Engelhard). 2003;31:445-6 (Letter)

Clinical or epidemiologic diagnosis of nosocomial pneumonia: is there any difference? (Beck and Gastmeier). 2003;31:331-5

Polyurethane

Polyurethane II catheter as long-indwelling intravenous catheter in patients with cancer (Volkow et al). 2003;31:392-6

Practice forum

Practice forum. 2003;31:176-92, 441-4, 511-4

Pseudomeningitis

Flavimonas oryzihabitans pseudomeningitis (Grinchenko et al). 2003;31:385-6 (Letter)

Pseudomonas aeruginosa

High-level triclosan resistance in *Pseudomonas aeruginosa* is solely a result of efflux (Chuanchuen et al). 2003;31:124-7 (Brief rep.)

R**Research**

There is a more efficient way... (Nenner) (Letter) (Shojana and Olmsted) (Reply). 2003;31:63-4

Respiratory tract infections

Infection control recommendations for patients with cystic fibrosis: microbiology, important pathogens, and infection control practices to prevent patient-to-patient transmission (Saiman et al). 2003;31:S6-62 (Supplement)

S***Shigella sonnei***

Bilateral pneumonia associated with *Shigella sonnei* dysentery (Margolin and Engelhard). 2003;31:445-6 (Letter)

Single-use containers

Inadequacy of manual cleaning for reprocessing single-use, triple-lumen sphincteromes: simulated-use testing comparing manual with automated methods (Alfa and Nemes). 2003;31:193-207

Investigation of single-use versus reusable infectious waste containers as potential sources of microbial contamination (Neely et al). 2003;31:13-7

Skin

Antimicrobial activity of a new intact skin antisepsis formulation (Russo et al). 2003;31:117-23

Skin flora of patients in Thailand (Thamlikitkul et al). 2003;31:80-4

Soaps, antimicrobial

Microbial flora of hands of homemakers (Larson et al). 2003;31:72-9

Special article

Special article. 2003;31:163-7, 309-15, 481-98

Sphincteromes

Inadequacy of manual cleaning for reprocessing single-use, triple-lumen sphincteromes: simulated-use testing comparing manual with automated methods (Alfa and Nemes). 2003;31:193-207

State of the science

State of the science. 2003;31:243-54

Students

The effect of hand hygiene on illness rate among students in university residence halls (White et al). 2003;31:364-70

Supplement

Supplement. 2003;31:S6-62

Surgical wound infections

Effect of intensive surveillance on cesarean-section wound infection rate in a Saudi Arabian hospital (Balkhy et al). 2003;31:288-90

A prospective study of surgical site infections in a pediatric hospital in Mexico City (Porras-Hernández et al). 2003;31:302-8

Surgical site infections in patients undergoing major operations in a university hospital: using standardized infection ratio as a benchmarking tool (Narong et al). 2003;31:274-9

Surgical wound infection surveillance in general surgery procedures at a teaching hospital in Pakistan (Pishori et al). 2003;31:296-301

Surveillance

Assessment of a selective surveillance method for detecting nosocomial infections in patients in the intensive care department (Zollmann et al). 2003;31:261-5 Correction 2003;31:365

Clinical comparisons of La Crosse encephalitis and enteroviral central nervous system infections in a pediatric population: 2001 surveillance in East Tennessee (Hardin et al). 2003;31:508-11 (Brief rep.)

Effect of comparative feedback on intensive care unit infection rates in a Veteran Administration Hospital Network System (McKinley et al). 2003; 31:397-404

Effect of intensive surveillance on cesarean-section wound infection rate in a Saudi Arabian hospital (Balkhy et al). 2003;31:288-90

Five years working with the German Nosocomial Infection Surveillance System (Krankenhaus Infektions Surveillance System) (Gastmeier et al). 2003; 31:316-21 (Global perspectives)

Nosocomial infections in medical-surgical intensive care units in Argentina: attributable mortality and length of stay (Rosenthal et al). 2003;31: 291-5

The state of infection surveillance and control in Canadian acute care hospitals (Zoutman et al). 2003;31:266-73

Surgical site infections in patients undergoing major operations in a university hospital: using standardized infection ratio as a benchmarking tool (Narong et al). 2003;31:274-9

Surgical wound infection surveillance in general surgery procedures at a teaching hospital in Pakistan (Pishori et al). 2003;31:296-301

T

Taiwan

Varicella vaccine safety, incidence of breakthrough, and factors associated with breakthrough in Taiwan (Tseng et al). 2003;31:151-6

Tattooing

Infection control practices among tattooists and body piercers in Sydney, Australia (Oberdorfer et al). 2003;31:447-56

Terrorism

Commentary: the evolving role of nurses in terrorism and war (Garfield et al). 2003;31:163-7 (Special article)

Thermometers

The case of the cold thermometers (Ostrowsky et al). 2003;31:57-9 (Brief rep.)

Ticks

A new potential route of tick-transmitted bacterial diseases to man and animals? (Rossi and Rossi). 2003;31:60 (Letter)

TrainingFinder

There is a more efficient way... (Nenner) (Letter) (Shojana and Olmsted) (Reply). 2003;31:63-4

Triclosan

High-level triclosan resistance in *Pseudomonas aeruginosa* is solely a result of efflux (Chuanchuen et al). 2003;31:124-7 (Brief rep.)

Tuberculin test

The booster phenomenon in 2-step tuberculin skin testing of patients receiving long-term hemodialysis (Akcay et al). 2003;31:371-4

Comparison of a whole-blood interferon- γ assay and tuberculin skin testing in patients with active tuberculosis and individuals at high or low risk of *Mycobacterium tuberculosis* infection (Fietta et al). 2003;31: 347-53

Tuberculosis

Awareness of tuberculosis among primary care physicians in low-incidence areas (Raju). 2003;31:515-6 (Letter)

U

Universal precautions

Influences on compliance with standard precautions among operating room nurses (Osborne). 2003;31:415-23

Universities

The effect of hand hygiene on illness rate among students in university residence halls (White et al). 2003;31:364-70

Urinary tract infections

Incidence of urinary tract infections in patients with short-term indwelling urethral catheters: a comparison between a 3-day urinary drainage bag change and no change regimens (Keerasuntongpong et al). 2003;31:9-12

V

Vaccinations

Compliance with hepatitis B virus vaccination and risk of occupational exposure to blood and other body fluids in intensive care department personnel in Brazil (Manso et al). 2003;31:431-4

Do we practice what we preach? health care worker screening and vaccination (Brotherton et al). 2003;31:144-50

The measurement of influenza vaccine coverage among health care workers (Russell and Henderson). 2003;31:457-61

Occupational exposure to needlestick injuries and hepatitis B vaccination coverage among health care workers in Egypt (Talaat et al). 2003;31:469-74

Seroepidemiology study of Japanese encephalitis neutralizing antibodies in southern Taiwan: a comparative study between urban city and country townships (Tseng et al). 2003;31:435-40

Seroprevalence survey of measles, rubella, varicella, and mumps antibodies in health care workers and evaluation of a vaccination program in a tertiary care hospital in Japan (Asari et al). 2003;31:157-62

Theory and models for planning and evaluating institutional influenza prevention and control programs (Russell et al). 2003;31:336-41

Vaccines

Varicella vaccine safety, incidence of breakthrough, and factors associated with breakthrough in Taiwan (Tseng et al). 2003;31:151-6

Vancomycin

Role of fecal incontinence in contamination of the environment with vancomycin-resistant *Enterococci* (Mayer et al). 2003;31:221-5

Vancomycin-resistant enterococci

Clostridium difficile infection and concurrent vancomycin-resistant *Enterococcus* stool colonization in a health care worker: case report and review of the literature (Ray and Donskey). 2003;31:54-6 (Clinical case rep.)

Varicella

Varicella vaccine safety, incidence of breakthrough, and factors associated with breakthrough in Taiwan (Tseng et al). 2003;31:151-6

Varicella zoster virus immunity in multinational health care workers of a Saudi Arabian hospital (Almuneef et al). 2003;31:375-81 (Global perspectives)

W

War

Commentary: the evolving role of nurses in terrorism and war (Garfield et al). 2003;31:163-7 (Special article)

Waste products

Effective medical waste management: it can be done (Almuneef and Memish). 2003;31:188-92 (Practice forum)

Investigation of single-use versus reusable infectious waste containers as potential sources of microbial contamination (Neely et al). 2003;31:13-7

Women

Handwashing among female college students (Drankiewicz and Dundes). 2003;31:67-71

